



CERTIFICATE OF ANALYSIS

Product : **MICRO AGAR**
Product number : M1002
Batch number : 016341
Date of production : 07-07-2021
Date of expiry : 31-07-2025

Packaging and storage : in a well-closed container, under dry and cool conditions

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	powder	complies		
Colour	cream-white	complies		
Sieve Analysis	≤ 5	< 5	%	ASTM, on mesh 80
Gel strength (Nikkan)	900 – 1050	905	g/cm ²	after autoclaving
Loss on drying	≤ 10	7.78	%	
Total ashes	≤ 5	3.22	%	
pH	6 – 7.5	6.08		1.5% solution
Nepheles	≤ 10	3.76	NTU	after autoclaving
Melting point	> 85	90.5	°C	
Gelling point	34 – 36	35	°C	
Calcium	≤ 2000	1908	ppm	
Magnesium	≤ 1000	777	ppm	
Toxic substances	absence	absence		

This certificate of analysis is conform the results of the manufacturer.

Conclusion: approved

Released by:

drs. M. van Wissen, pharmacist
Department of Quality Control Duchefa B.V.

Date: 27-07-2021

The buyer is responsible to test each batch to ensure the product is suitable for their specific purpose.